

BEAT

P.O.BOX - 1797  
COLO. SPRINGS,  
COLORADO

1 MARCH 1962

EDITOR SPEAKS

It won't be long now until the season for the topcoat and gloves will be just a thing of the past, and spring will be upon us before we know it. And with the coming of spring, many of us decide that this is the best time of year to get that Beam cleaned up, or to plan out the construction of an all band antenna etc. This means that John Ham will undoubtedly climb a tower or scale another roof, and if not carefull bang himself up in the process. Well, as many Hams would say, "no one will do it for me", and off he goes to heights that would frighten a professional tight rope walker.

It's really a riot to watch some of these human flies at work, and even more amazing is the fact that they usually get the job done without too many battle scars. But did you ever give any serious thought to what could happen if you were not extra cautious?

Here are a few things you might think of the next time you decide to put on an outdoor side show for your neighbors, by scaling your roof like an octopus.

1. Death by an accident will probably pay your survivors double indemnity.(That is if you have an insurance policy) and strange as it may seem many Hams do not. At any rate Money will never replace you at our monthly meetings, and we would all miss you.
2. If you passed away, what would the XYL do with all of your Ham gear? Just think of all those bargain hunters in your shack!!
3. What would the gang on the bands think if you stopped causing QRM? Has he given up, or is he learning to play the Organ? They would miss you too.
4. And what about your neighbors with no TVI, can it be true? So just because we'll miss you, be mean and make us see, that crazy ham next-door around in 63... 73, Mike, KØEVP.

## MINUTES

The last meeting of the PPRAA was a smashing success, and no wonder, as the Annual Auction is the calling card to a night of fun and enjoyment. In other words, "a good time was had by all".

Thanks to the generosity of D & M Electronics and Walker Bros. Radio, the door prizes were really worth the meger sum of 25¢ per ticket. And everyone liked the idea of a drawing every half hr. The Prizes included a Weller Soldering Gun, A Turner Mobile Mike, A Nut Driver Set, The 1962 Amateurs Handbook, and needless to say all eyes and ears were trained on the winning ticket and listening for the lucky number to be announced. The auction was well organized, and good planning by the auction committee paid off in a very enjoyable evening. Just to give you an idea of the attendance, over 50 cups of coffee and 3 dozen donuts disappeared like they were going out of style!

## EDISON AWARD

OWENSBORO, Ky.-- An amateur radio operator who has voluntarily taught electronics to more than 2800 people - young and old - has been chosen to receive General Electronic's 1961 Edison Radio Amateur Award for public service.

He is William G. Welsh, 34, an engineering writer who last December moved from Cambridge, Mass., to Burbank, Calif., where he now resides at 2300 West Clark Avenue. He operates amateur radio station W1SAD/6.

In addition to the principal award, three special citations for public service will be awarded to radio amateurs in Boulder, Colorado.; Tallahassee, Florida; and Port Lavaca, Texas.

Welsh is scheduled to receive the Edison Award trophy and a \$500 cash prize at a presentation banquet in Washington, D.C., in the Sheraton-Carlton Hotel on March 1. Master of ceremonies at the presentation will be L. Berkly Davis, Owensboro, Ky., president of the General Electric Company, who serves as chairman of the award council.

Welsh was chosen from among 23 canidates as the tenth winner of this award by a panel of Judges consisting of Commissioner Rosel Hyde of the FCC, Chairman of the Board E. Roland Harriman of the American National Red Cross, and president G.L. Dosland of the American Radio Relay League---the amateur radio operators' national organization.

Nominated by many persons in the Boston Area--including a Catholic Priest, and the director of a vocational high school--Welsh is said to have devoted 20 to 30 hours each week to his voluntary instruction work during the past ten years.

He has devised comprehensive courses of instruction which include eight 1800-foot code practice tapes as well as text material. He has run off hundreds of copies of his tapes free of charge and sent them to voluntary study groups in nearly every state in the nation and at least twelve foreign countries. In addition, he prepared a 70 page instructors handbook to help others teach radio.

The quality of his instruction is indicated by the fact that an average of 75 per cent of his students finished the courses, which is regarded in this work as an exceptionally high ratio.

Welsh has taught radio classes in many locations in the Boston area including a course at Massachusetts Institute of Technology sponsored by the state department of education. This is the only course

or which he was paid, and he used his pay to buy duplicating equipment and materials to extend his voluntary teaching work.

For two seasons Welsh conducted classes seven nights a week, sometimes holding both early and late evening sessions at a location. He obtained a commission as a notary public to make it easier for students who were applying for radio operator licenses to have their applications forms processed. Welsh also arranged with the Boston FCC office to hold special license examination sessions.

His wife, Mrs. Marie Welsh--also an amateur radio operator, holding license W1COL/6--has often assisted Welsh with the work. She has graded examination papers and on occasion taught classes when her husband was away on business trips.

The couple has five children, with the oldest, Richard, 12, a licensed radio amateur too. His call sign is KN1SAR/6. The other children are two girls, 8 and 10 years old; and two boys 6 and 1.

Employed as an electronics engineering writer by the Raytheon Company, Waltham, Mass., for some time, Welsh and his family decided to migrate to California in December of last year. Shortly after arriving, Welsh obtained a similar position with Librascope, Inc., a Glendale electronics firm.

The special citations will go to:

Robert T. Herndon, Radio W5URW, 617 Parkview, Port Lavaca, Texas, for providing emergency communications during the ten days following Hurricane Carla.

Eugene M. Link, Radio WØIA, 1420 Elder Avenue, Boulder, Colo., for handling more than 9,000 weather reports by radio in cooperation with the Denver Weather Bureau.

George L. Thurston, Radio W4MLE, 3407 Prock Drive, Tallahassee, Fla., for exceptional organization, planning and coordination of civil emergency radio communications throughout Florida.

#### PROPOSED FCC CHARGES FOR LICENSING SERVICES

1. Quoted below is an extract from ARRL Directors, Letter No. 1133, dated 20 February 1962, pertaining to proposed fees on amateur licenses:

"FCC has issued a notice of proposed rule-making to establish a schedule of fees for its licensing services. It was unofficially reported some time ago (see my letter No. 1129 of July 14, 1961) that the Commission's aim was to recoup through fees the entire amount of its budget; the present proposal would appear to produce about one half that amount. Biggest cuts in the fees earlier said to be under Commission consideration are in the broadcast and common carrier fields; those for the Safety & Special Radio Services are substantially unchanged from the amounts originally reported.

Under the proposal, amateur applications would require a \$5 fee whether for new license, renewal, modification for change of address, upgrading class of operator privileges, duplicate, or whatever. This same fee would apply to RACES and disaster applications. Citizens would pay

\$10. All others in the S & RS field (aviation, marine, public safety, etc) would have a fee of \$20. Commercial operators' fees would be \$2 to \$5, depending on the grade of license. By comparison, commercial A.M. broadcast fees would be \$150, TV \$250, and in the common carrier field \$5 to \$150, depending on the application involved. A quick computation based on numbers of applications filed in previous years indicates that the Safety & Special Radio Services would furnish considerably more than half the anticipated income.

The Commission's vote was 4 to 3, and that plus known objections to a fee system make it certain that there will be many critical comments by the deadline of April 16.

2. Based upon a hasty but hopefully representative survey, your President has forwarded opinion of the PPRAA to ARRL on proposed amateur license fees. This opinion will be reviewed by the Executive Committee of ARRL on 28 March in the preparation of a brief (or argument) to be presented to the FCC on 16 April.

3. Copies of your President's letter to ARRL dated 2 March will be available at our next meeting on 14 March.

You are urged to read this letter carefully and suggest and additions, deletions, or other changes you feel are in order. If necessary, a follow-up letter to ARRL will include all such added or changed opinion which the membership approves.

#### BULLETIN

#### OFFICIAL BULLETIN NR 835 FROM ARRL HEADQUARTERS, WEST HARTFORD CONN.

One amateur was electrocuted and another had a close call recently, both caused by failure of bypass capacitors in the primary circuit of the AC power supply. These accidents could have been avoided by use of a common ground system linking all equipment chassis to a water pipe or other good ground. Send stamped self addressed envelope with a note to ARRL requesting copy of the Safety Code. Indicate the source of this information as the PPRAA monthly paper the Zero Beat.

\* The editor is sorry to report that little gossip if any was received this month, and that the 6 N 2 activity report did not make the typing deadline. Send any information concerning activities, projects, needs, wants, gossip, schematics etc. to: Mike Schmidt, Editor Zero Beat,  
835 North Union Blvd. Colo Springs, Colorado, or to PO Box 1797.

#### FOR SALE

Transmitter; DX-20, Good condition, hardly used; \$30, Phone Cecil Fowlds at ME 5-4830, or ENT AFB ME 5-8911 Ext. 2620.

Complete Mobile Rig; includes Gonset Super 12, Viking Transmitter, Heath Transistor Power Supply, Coaxial Relay 12 Volt, PTT Mike, Webster Bandmaster Wip with Spring and Bumper Mount included. Total cost \$215, will sell for \$160 cash or \$50 down & balance \$20 per month. Phone Chuck

Camp, KØIFT at Sherwood 9-2460.

Model 'A', New tires, battery, points & plugs with original engine. Must see to appreciate. \$200. Call Ken Harris, KØAUT at ME 5-1679. also have 30:6 Rifle, with Scope for sale, in excellent condition.

### The SCHEMATIC OF THE MONTH

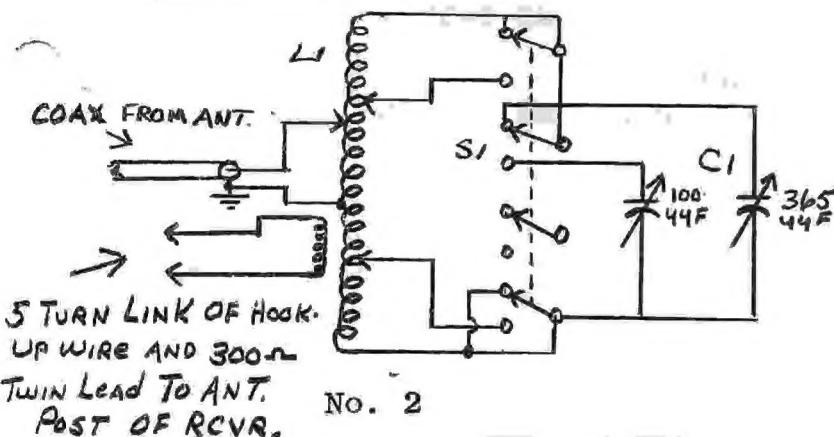
Two schematics are submitted this month by your editor, which should appeal to Novice and Oldtimer alike.

No. 1 will show improvement to even the most expensive Receiver, and for the cost involved there is no reasonable excuse for not having one of these gadgets as part of your rig.

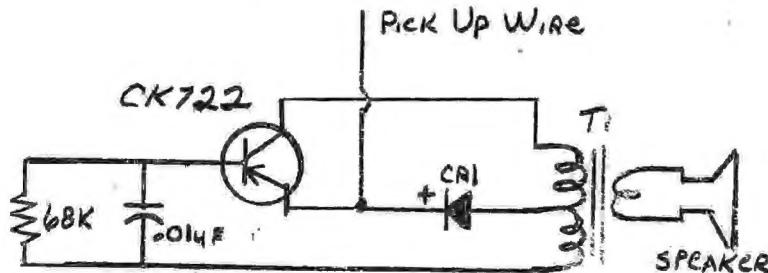
No. 2 is just purly a necessity if you work any CW at all, and if you don't own one of these yet, get the soldering gun hot, and in less time than it takes to get an answer for your CQ on Sunday, you will have it completed.

No. 1

\$1.69 Receiver Gain



R.F. Powered C.W. Monitor.



S1-Mallory 3242J  
L1-Mniductor 3011  
C1-Midget B.C. Replacement 365 & 100 to 150 uuf. dual Capacitor.

Coil-18 turns, or 36 turns.

CR1-1N34 crystal diode.  
T1-Output Transformer,  
12000 ohm primary to  
3.2 ohm voice coil,  
Thordarson 22S48.

Pick up wire is small probe placed near antenna feed line, or transmitter final tank.

Read the March 1962 issue of QST for the information on the New ARRL Headquarters Building, and support this campaign with your donations.

#### NEXT MEETING

The next meeting of the PPRAA will be held at the YMCA Youth Center at the corner of Weber & Bijou, Wednesday March 14 at 8:00 p.m. Two door prizes will be offered, and coffee & donuts will be served.

Bring a guest along with you, and remember membership is open to non hams also...

#### PPRAA OFFICERS

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